

ABSTRACT OF THE DISCLOSURE

~~Block noises generated on an input video signal~~
that has been code and decoded per pixel block are
5 detected. The input video signal is differentiated per
pixel block to obtain a differentiated signal.
Impulses of the differentiated signal is detected to
obtain a detection signal carrying the impulses. The
detection signal is integrated and compared with a
10 reference signal to determine whether the block noise
is generated on the input video signal. For noise
reduction, the detection signal is filtered to obtain
a correction signal. The input video signal is delayed
by a predetermined period. The correction signal is
15 added to the delayed video signal to cancel the
difference in signal level on the boundary between a
first pixel block on which a block noise is generated
and a second pixel block adjacent to the first pixel
block of the input video signal.